

MEMORANDUM OF AGREEMENT  
BETWEEN THE U.S. DEPARTMENT OF ENERGY AND  
THE ILLINOIS HISTORIC PRESERVATION OFFICER  
SUBMITTED TO THE ADVISORY COUNCIL ON HISTORIC PRESERVATION  
PURSUANT TO 36 CFR 800.5(e)(4)  
REGARDING THE DECONTAMINATION AND DECOMMISSIONING OF  
THE ARGONNE THERMAL SOURCE REACTOR

WHEREAS the U.S. Department of Energy, Argonne Group (DOE-ARG) proposes to decontaminate and decommission (D&D) the Argonne Thermal Source Reactor (ATSR) for reasons of environmental concern, human health, and safety; and

WHEREAS the Department of Energy has established the D&D of ATSR's area of potential effects, as defined at 36 CFR 800.2(c), to be the Argonne Illinois site; and

WHEREAS the Department of Energy has determined that the 314/315/316 building complex may be eligible for inclusion in the National Register of Historic Places; and

WHEREAS the Department of Energy has determined that the D&D of ATSR will have an adverse effect on the ATSR which may be a contributing component of the 314/315/316 building complex at Argonne National Laboratory-East; and

WHEREAS the Department of Energy has consulted with the Illinois State Historic Preservation Officer (SHPO) in accordance with Section 105 of the National Historic Preservation Act, 16 U.S.C. Section 470 (NHPA), and its implementing regulations (36 CFR Part 800) to resolve any adverse effect of the D&D of ATSR on potentially historic properties;

NOW, THEREFORE, DOE-ARG and the SHPO agree that upon acceptance of the MOA by the Advisory Council on Historic Preservation (Council), and upon DOE-ARG's decision to proceed with the D&D of ATSR, DOE-ARG shall ensure that the following stipulations are implemented in order to take into account the effects of D&D of ATSR on historic properties.

STIPULATIONS

DOE-CH will ensure that the following measures are carried out:

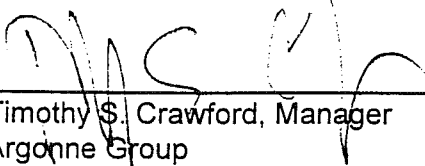
- I. Prior to and during the D&D of ATSR, DOE-ARG shall document ATSR in accordance with the Illinois Historic American Buildings Survey/Historic American Engineering Record (IL HABS/HAER) Standards.

- A. IL HAER recordation number will be DU-1998-1.
  - B. Level II shall be required.
  - C. DOE-ARG will ensure that the recordation will be conducted by a person qualified to perform the work as required under 36 CFR Part 61, Appendix A and agrees to meet IL HABS/HAER Standards.
  - D. The SHPO will review the completed IL HABS/HAER documentation and accept the final submittal in accordance with IL HABS/HAER Standards.
  - E. After SHPO acceptance, completed IL HABS/HAER documentation will be deposited with the archives section of the Illinois State Historical Library. The SHPO requires one standard and one microfiche copy of accepted documentation.
- II.. In the event a party to this MOA determines the terms of the MOA cannot be met or that a change is necessary to meet the requirements of the law, that party will immediately request that the other parties to this MOA consider an amendment or addendum. Any necessary amendment or addenda will be executed in accordance with 36 CFR 800.5(e)(5).

Execution of this MOA by the DOE-ARG and the Illinois SHPO, its subsequent acceptance by the Advisory Council on Historic Preservation (Council), and implementation of its terms, shall constitute evidence that the DOE-ARG has afforded the Council an opportunity to comment of the nature and extent of the planned D&D of ATSR and that DOE-ARG has taken into account the effects of the undertaking on historic properties as required by Section 106 of the National Historic Preservation Act.

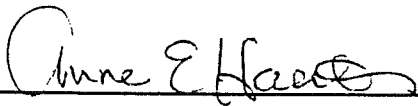
Signature sheet for the foregoing Memorandum of Agreement Among the United States Department of Energy and the Illinois State Historic Preservation Office covering D&D work at the ATSR at Argonne National Laboratory-East.

U.S. Department of Energy, Argonne Group

By:   
Timothy S. Crawford, Manager  
Argonne Group

Date: 5/21/98


Illinois State Historic Preservation Officer

By: 

Date: 6/12/98

This Memorandum of Agreement Among the United States Department of Energy and the Illinois State Historic Preservation Officer covering D&D work at the ATSR at Argonne National Laboratory-East has been accepted for the Advisory Council on Historic Preservation.

Advisory Council on Historic Preservation

By:   
Mr. John M. Fowler, Executive Director

Date: 7/6/98



## Department of Energy

Argonne Group  
9800 South Cass Avenue  
Argonne, Illinois 60439

JUL 21 1998

RECEIVED

JUL 25 1998

Preservation Service

Ms. Anne E. Haaker  
Deputy State Historic Preservation Officer  
Illinois Historic Preservation Agency  
Old State Capitol  
Springfield, Illinois 62701

Dear Ms. Haaker:

SUBJECT: MEMORANDA OF AGREEMENT FOR DECONTAMINATION AND  
DECOMMISSIONING OF THE CHICAGO PILE 5 AND THE ARGONNE  
THERMAL SOURCE REACTOR

Enclosed are your copies of the executed Memoranda of Agreement for the  
Decontamination and Decommissioning of the Chicago Pile 5 and the Argonne Thermal  
Source Reactor.

If you have any questions, please contact Donna Green, at (630) 252-2264.

Sincerely,



Timothy S. Crawford  
Argonne Group Manager

Enclosure:  
As Stated

cc: L. Thompson, EH-412/FORS, w/encl.